

METHOD FOR MINIMIZING ERROR IN
WEIGHT-MEASURING DEVICES

Abstract

5 A method for minimizing error in weight-measuring
devices includes successively placing one or more standard
test loads on the weighing device at a plurality of distinct
testing positions located in about a peripheral of two-
thirds of a weight-receiving surface of the weighing device,
10 the loads being measured by the weighing device at discrete
instances such that the testing positions are utilized
individually to measure a selected load, determining the
weight error displayed by the weighing device at each of the
testing positions, summing the distinct measured weight
15 errors into a summed error, and comparing such a summed
error to a desired tolerance level, such that weighing
devices exhibiting summed errors of excess of the tolerance
level may be identified as being in need of corrective
measures, including calibration.

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